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PERFORMANCE OF THE ERTS DATA COLLECTION
SYSTEM IN A TOTAL SYSTEM CONTEXT

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3pp.

a) Title: PERFORMANCE OF THE ERTS DATA COLLECTION
SYSTEM IN A TOTAL SYSTEM CONTEXT
ERTS-A Proposal No. : SR 210

b) GSFC ID NO: IN 016

c) Problems: This investigation lags the delivery and installation of DCP's in individual investigations. The assessment of the performance of the DCS can only begin as DCP's are installed and tested for a significant period of time. Software is now being written and debugged to test actual mutual visibility periods being experienced by DCP's operating under a wide range of environmental conditions.

d) Accomplishments: Most of the DCP's assigned to Department of the Interior investigators have been installed and operated successfully. The following listing of DCP's presently deployed and operating shows the distribution of DCP's among the investigations.

<u>Investigators</u>	<u>DCP's allotted</u>	<u>DCP's installed</u>
Paulson--Pennsylvania	22	18
Schumann--Arizona	7	4
Higer--Florida	15	13
Friedman--Washington, D.C.	5	4
Eaton--California	28	15
Kahane--Colorado	8	1
WRD Districts		
Pennsylvania	4	3
Louisiana	4	2
Massachusetts	1	0
Oregon	2	2
Michigan	1	0
California	1	0
Tennessee	3	2

A more intensive investigation of the performance characteristics is just getting underway.

e) Results: Approximately 70 percent of the DCP's being installed by Department of the Interior investigators have been successfully operated. These include DCP's operating in Iceland, Central America, Hawaii, and the Continental United States. The Data Collection System specifications are being met for frequency of data collection.

- f) Reports--None
- g) Changes--None
- h) Standing Order Forms--No changes
- i) Image Descriptor Forms--N/A
- j) Data Request Form--None
- k) Status of DCP's--N/A